

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Cyr et al.

Serial No.: 09/911,789

Group Art Unit: 1616

Filed: July 24, 2001

Examiner:

For: Thermally Stable, Anthraquinone Colorants Containing Copolymerizable Vinyl Groups

Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97(b)

In accordance with 37 CFR 1.56, the documents listed on the attached Information Disclosure Statement by Applicants are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

The Information Disclosure Statement submitted herewith is being filed to the knowledge of the undersigned before the mailing date of a first Office Action on the merits.

Respectfully submitted,

*Michael J. Blake*  
Michael J. Blake

Registration No. 37,096

*Sept 10, 2001*  
Date

Eastman Chemical Company  
P.O. Box 511  
Kingsport, Tennessee 37662  
Phone: (423) 229-1793  
FAX: (423) 229-1239

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

*Jo Ann Elam*  
Jo Ann Elam

*Sept. 11, 2001*  
Date

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Substitute for form 1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Attorney Docket Number	71268
				First Named Inventor	Cyr et al.
				COMPLETE IF KNOWN	
				Application Number	09/911,789
				Filing Date	July 24, 2001
				Group Art Unit	1616
Sheet	1	of	2	Examiner Name	

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)	
		3,689,501		Weaver et al 09-05-72
		4,115,056		Koller et al 09-19-78
		4,267,306		Davis et al 05-12-81
		4,359,570		Davis et al 11-16-82
		4,403,092		Davis et al 09-06-83
		4,804,719		Weaver et al 02-14-89
		4,943,617		Etzbach et al 07-24-90
		4,999,418		Krutak et al 03-12-91
		5,032,670		Parham et al 07-16-91
		5,055,602		Melpolder 10-08-91
		5,109,097		Klun et al 04-28-92
		5,194,463		Krutak et al 03-16-93
		5,362,812		Holmes et al 11-08-94
		5,367,039		Yabuuchi et al 11-22-94
		5,372,864		Weaver et al 12-13-94
		5,578,419		Itoh et al 11-26-96
		5,955,564		Weaver et al 09-21-99
		5,962,557		Weaver et al 10-05-99
		6,197,223		Weaver et al 03-06-01

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
		WO	96/01283		Weissberg et al	01-18-96
		WO	97/48744		Johansson et al	12-24-97
		EP	0322808		Friedlander et al	07-05-89

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Asquith et al, "Self-Coloured Polymers Based on Anthraquinone Residues", Journal of the Society of Dyes and Colourists (J.S.D.C.), April, 1977, pp. 114-125	
		John Wiley & Sons, Encyclopedia of Polymer Science and Eng., Second Ed., Vol. 11, pages 558-571	
		John Wiley & Sons, Chemistry & Technology of UV & EB Formulation for Coatings, Inks, and Paints, Volume II: Prepolymers and Reactive Diluents, G. Webster, London, 1997, pages 35-250	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Cyr et al.

Serial No.: 09/911,789

Group Art Unit: 1616

Filed: July 24, 2001

Examiner: Barbara P. Badio

For: Thermally Stable, Anthraquinone Colorants Containing Copolymerizable Vinyl Groups

Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97(c)

In accordance with 37 CFR 1.56, the documents listed on the attached Information Disclosure Statement by Applicants are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a final action or the notice of allowance.

Accordingly, the undersigned hereby states (37 CFR 1.97(e)) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Docket: 71268

PATENT

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.17 which may be required by this paper or credit any overpayment to Deposit Account No. 05-0221. A duplicate copy of this paper is attached.

Respectfully submitted,

Eastman Chemical Company  
P.O. Box 511  
Kingsport, Tennessee 37662  
Phone: (423) 229-1793  
FAX: (423) 229-1239

Michael J. Blake  
Michael J. Blake  
Registration No. 37,096  
Feb 28, 2002  
Date

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Jo Ann Elam  
Jo Ann Elam

February 28, 2002  
Date

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+

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				Application Number	09/911,789
				Filing Date	July 24, 2001
				Group Art Unit	1616
Sheet	1	of	1	Examiner Name	Barbara P. Badio

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		3,364,186		Wilhelm et al	01/16/68

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		GB	1,046,751		Asahi Chemical Ltd.	10/26/66	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature		Date Considered	
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Filed: July 24, 2001

Examiner: Barbara P. Badio

For: THERMALLY STABLE, ANTHRAQUINONE COLORANTS CONTAINING  
COPOLYMERIZABLE VINYL GROUPS

Assistant Commissioner for Patents  
Washington, D.C. 20231

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In accordance with 37 CFR 1.56, the documents listed on the attached Information Disclosure Statement by Applicants are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

Applicants would like to direct the Examiner's attention to U.S. Patent 5,900,445 to Chandler et al., which is listed on the attached form PTO-1449. In particular, the Examiner's attention is directed to the compounds at Col. 4, line 9 and line 22.


This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a final action or the notice of allowance.

Accordingly, Applicants elects the option to pay the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under §1.97(c). Please charge Deposit Account No. 05-0221 in the amount of \$180.00.

The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.17 which may be required by this paper or credit any overpayment to Deposit Account No. 05-0221. A duplicate copy of this paper is attached.

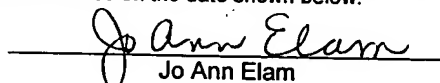
Respectfully submitted,

Eastman Chemical Company  
P.O. Box 511  
Kingsport, Tennessee 37662  
Phone: (423) 229-1793  
FAX: (423) 229-1239

  
Michael J. Blake  
Registration No. 37,096  
Nov 8, 2002  
Date

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

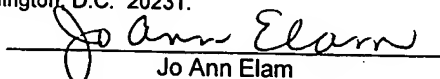
I hereby certify that this paper (copies of references not enclosed) is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below.

  
Jo Ann Elam

November 8, 2002  
Date

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Jo Ann Elam

November 8, 2002  
Date



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Group Art Unit	1616				
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		5,900,445		Chandler et al	05/04/99
		6,331,204		Carr et al	12/18/01

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature		Date Considered	
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# **Notice of References Cited**

Application/Control No.

09/911,789

Applicant(s)/Patent Under

Reexamination

CYR ET AL.

Examiner

Barbara P Badio, Ph.D.

Art Unit

1616

Page 1 of 1

## **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-3,288,778	11-1966	Blout et al.	260/163
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## **FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

## **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

# **Notice of References Cited**

Application/Control No.

09/911,789

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Examiner

Barbara P. Badio, Ph.D.

Art Unit

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Page 1 of 1

## **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-4,999,418	03-1991	Krutak et al.	528/272
	B	US-5,032,670	07-1991	Parham et al.	528/220
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
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	J	US-			
	K	US-			
	L	US-			
	M	US-			

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